



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

34

Application Number

10/644,566

Filing Date

08/19/2003

First Named Inventor

Herbert A. Leupold

Art Unit

1773

Examiner Name

K. Bernatz

Attorney Docket Number

CECOM 5472

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Receipt Post Card
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	U.S. Army Communications-Electronics Command		
Signature			
Printed name	George B. Tereschuk		
Date	02 March 2005	Reg. No.	37,558

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Ursula Buki	Date	02 March 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



I hereby certify that this correspondence is being
deposited with the United States Postal Service as
First Class mail in an envelope addressed to:
Commissioner of Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on:
Date 03/02/2005

Ursula Buki
Ursula Buki

10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **LEUPOLD**
Application Serial No.: **10/644,566**
Filed: **August 19, 2003**

15

Docket No.: **CECOM-5472**
For: **STRUCTURES PRODUCING A MAGNETIC FIELD WITH A GRADIENT**

Attorney
Docket No.: **CECOM 5472**

Examiner: **Bernatz, K.**
GAU: **1773**

20

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia, 22313-1450

25

INTRODUCTORY COMMENTS FOR AMENDMENT

Sir:

In response to the Office Action dated January 27, 2005, the enclosed Amendments To The Claims and Amendments To The Specification are hereby submitted, which are all supported by the enclosed Remarks.

30

Should the Examiner require further information, the Examiner is invited to telephone the applicant's attorney at the telephone number listed below.

Respectfully Submitted,

35

02 March 2005

DATE

George B. Tereschuk
GEORGE B. TERESCHUK
Attorney for Applicant
Registration No. 37,558
Tel.: (732) 532-9795

40